

# Mihai Marinescu

## Senior Full-Stack TypeScript Engineer (Front-End leaning)

Remote (EU) • [Email](#) • [LinkedIn](#) • [GitHub \(personal\)](#) • [GitHub Archbee](#) • [Blog](#)

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### Professional Summary

For the past 4 years I've been developing a rich text editor for Archbee, where I've built features like an AI authoring agent, a diff/merge branching system, a Chrome extension, and multiple editor plugins. Across 11 years of programming I've worked with a wide range of JavaScript libraries and frameworks, but this rich-text and performance work is where I go deepest.

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### My Core Skills

I can implement a clean and maintainable architecture with human-readable code. I enjoy working at performance optimization and root-cause debugging.

**Tech stack:** TypeScript, JavaScript, React/Next.js, Plate.js, TanStack Query/Table, Vue.js, AngularJS, Node/PostgreSQL, Redis, AWS, Fastify, Drizzle, Sequelize, Zod, Go, Puppeteer

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### Experience

#### Senior Software Engineer (Contract) — Archbee (YC S21) | Remote

March 2022 – Present

- I fixed the keystroke latency on large docs which in the worst cases hit **~1.4s with the browser blocking and crashing**; I brought it to **~100ms with no crashes**.
  - I built an AI-powered documentation agent that generates and edits markdown and custom Plate.js content directly inside documents.
  - I re-engineered and largely owned the merge/diff/conflict-resolution engine similar to a Git branching system with three-way merge and conflict resolution.
  - Implemented OpenAPI Specification support for imported YAML with recursive React components, live code generation and the "try it" API calls.
  - I reduced the initial JavaScript bundle size by 50% through tree-shaking, barrel file elimination and targeted optimizations across a codebase serving thousands of documents.
  - Created a [Chrome extension](#) that turns webpages into structured documentation via screenshots and Markdown conversion.
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#### Web Developer — QUALITANCE | Remote

October 2020 – March 2022

- I developed front-end and full-stack features on four projects with stacks like React, Vue.js, AngularJS, Node.js, and AdonisJS with an OOP workflow.
  - I created a large bank's PDF documents which are used to this day for printing contracts.
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#### Web Developer — Vivre DECO | Bucharest, Romania

July 2018 – October 2020

- I worked on the migration from Backbone.js to Vue.js with SSR for an e-commerce website.
  - I created the Cordova mobile app (iOS & Android) as a shared codebase with the website.
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### Earlier Experience (Summary)

- **Full Stack Developer — Endava:** JavaScript, Node.js, Go in large enterprise teams.
  - **Frontend & Junior Roles (2014–2016):** AngularJS, HTML/CSS, early architecture, SEO.
  - **Hewlett-Packard:** Financial & procurement analyst (process ownership, operations).
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### Education

**MSc, Project Management · BSc, Business & Management** — Academia de Studii Economice din București